09/591122   Joseph Hellerstein et al.

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L#	Hits	Search String	Databases
L2	2	5,862,507.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	54	Hellerstein.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	24	Hellerstein.in. and IBM	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	0	(Hellerstein.in. and IBM) and (sub-model$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	4	(Hellerstein.in. and IBM) and (Adaptive or prediction)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	10	Hellerstein.in. and (Adaptive or prediction)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	34609	(adaptive or on-line) with (predict$3 or control$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	370	(predict$3 or control$3) with (sub-modules or "multiple models" or "multiple model")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	549	((adaptive or on-line) with (predict$3 or control$3)) same (parameter$1 with estimat$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	356	((adaptive or on-line) with (predict$3 or control$3)) with (parameter$1 with estimat$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	20	((adaptive or on-line) with (predict$3 or control$3)) same (sub-modules or "multiple models"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	4	(((adaptive or on-line) with (predict$3 or control$3)) same (sub-modules or "multiple models"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	9	((predict$3 or control$3) with (sub-modules or "multiple models" or "multiple model")) and (((	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	8	((adaptive or on-line) with (predict$3 or control$3)) same (residue with (comput$2 or calculat	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	1	((adaptive or on-line) with (predict$3 or control$3)) same ("change point" with detect$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	9	((adaptive or on-line) with (predict$3 or control$3)) same "change point"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	0	(((adaptive or on-line) with (predict$3 or control$3)) with (parameter$1 with estimat$3)) and "	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	4644	(adaptive or on-line) with predict$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	8	((adaptive or on-line) with predict$3) and (predict$3 with (sub-models or "multiple models"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
	36	predict$3 with (sub-models or "multiple models" or "multiple model")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

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Results of search set L10:((adaptive or on-line) with (predict$3 or control$3)) same (sub-modules or "multiple models" or "multiple model")

Document Kind Codes	Title	Issue Date	Current OR	Abstract
US 20030047693 A1	BASE STABILIZATION SYSTEM	20030313	250/548	
US 20020173695 A1	Physiologically-based control system and method for using the same	20021121	600/16	
US 20020064141 A1	Radio communication control station, radio communication terminal, home agent, and radio (	20020530	370/331	
US 20020035323 A1	Scale-based image filtering of magnetic resonance data	20020321	600/410	
US 20010014834 A1	Adaptation to unmeasured variables	20010816	700/29	
US 6580387 B2	Finding the range to a moving object by means of an angle-only sensor	20030617	342/146	
US 6577908 B1	Adaptive feedback/feedforward PID controller	20030610	700/42	

Document	Kind Codes	Title	Issue Date	Current OR
US 6563128	B2	Base stabilization system	20030513	250/548
US 6561187	B2	Control of supplemental respiratory oxygen	20030513	128/204.23
US 6546379	B1	Cascade boosting of predictive models	20030408	706/14
US 6532958	B1	Automated control and conservation of supplemental respiratory oxygen	20030318	128/204.23
US 6532454	B1	Stable adaptive control using critic designs	20030311	706/14
US 6502042	B1	Fault tolerant liquid measurement system using multiple-model state estimators	20021231	702/50
US 6404581	B1	Adaptation to unmeasured variables	20020611	360/75
US 6371114	B1	Control device for supplying supplemental respiratory oxygen	20020416	128/204.23
US 6326758	B1	Integrated diagnostics and control systems	20011204	318/609
US 6230062	B1	Adaptation to unmeasured variables	20010508	700/29
US 6064920	A	Electroerosion apparatus drive control system employing fuzzy logic	20000516	700/170
US 5365922	A	Closed-loop non-invasive oxygen saturation control system	19941122	128/204.23
US 4986268	A	Method and apparatus for controlling an artificial respirator	19910122	128/204.22

Results of search set L10:((adaptive or on-line) with (predict$3 or control$3)) same (sub-modules or "multiple models" or "multiple model")

Document	Kind Codes	Title	Issue Date	Current OR	Abstract
US 20040025679	A1	MULTIPLE MODEL TARGET TRACKING WITH VARIABLE SAMPLING RATE	20040212	89/1.11	
US 20030191377	A1	Apparatus and method for non-invasive spectroscopic measurement of analytes in tissue us	20031009	600/310	
US 20030145836	A1	Method of controlling combustion in a homogeneous charge compression ignition engine	20030807	123/501	
US 20030144746	A1	Control for an industrial process using one or more multidimensional variables	20030731	700/28	
US 20030121138	A1	Machining cell in automatic machining system and automatic honing system	20030703	29/563	
US 20030109951	A1	Monitoring system for an industrial process using one or more multidimensional variables	20030612	700/108	
US 20030100972	A1	Reusable software components for invoking computational models	20030529	700/121	
US 20030088565	A1	Method and system for mining large data sets	20030508	707/6	
US 20030083756	A1	Temporary expanding integrated monitoring network	20030501	700/28	
US 20030049390	A1	Feedback control of plasma-enhanced chemical vapor deposition processes	20030313	427/585	
US 20030049376	A1	Feedback control of sub-atmospheric chemical vapor deposition processes	20030313	427/255.28	
US 20030040859	A1	Image processing system for detecting when an airbag should be deployed	20030227	701/45	
US 20030033066	A1	Image processing system for estimating the energy transfer of an occupant into an airbag	20030213	701/45	
US 20030027424	A1	Feedforward and feedback control for conditioning of chemical mechanical polishing pad	20030206	438/692	
US 20030018601	A1	Execution of multiple models using data segmentation	20030123	706/45	
US 20030016845	A1	Image processing system for dynamic suppression of airbags using multiple model likelihood	20030123	382/103	
US 20020197934	A1	Control of chemical mechanical polishing pad conditioner directional velocity to improve pad	20021226	451/21	
US 20020197745	A1	Feedback control of a chemical mechanical polishing device providing manipulation of remo	20021226	438/5	
US 20020169657	A1	Supply chain demand forecasting and planning	20021114	705/10	
US 20020133721	A1	Systems and methods for dynamic detection and prevention of electronic fraud and network	20020919	713/201	
US 20020082806	A1	Traffic safety prediction model	20020627	702/182	
US 20020002414	A1	Method for providing control to an industrail process using one or more multidimensional var	20020103	700/95	
US 6662141	B2	Traffic safety prediction model	20031209	702/181	
US 6662093	B2	Image processing system for detecting when an airbag should be deployed	20031209	701/45	
US 6577936	B2	Image processing system for estimating the energy transfer of an occupant into an airbag	20030610	701/45	
US 6546379	B1	Cascade boosting of predictive models	20030408	706/14	

US 6542894 B1	Execution of multiple models using data segmentation	20030401	707/101
US 6529887 B1	Agent learning machine	20030304	706/12
US 6338066 B1	Surfaid predictor: web-based system for predicting surfer behavior	20020108	707/10
US 6317752 B1	Version testing in database mining	20011113	707/104.1
US 5798949 A	Traffic safety prediction model	19980825	703/6
US 5793429 A	Methods of estimating motion in image data and apparatus for performing same	19980811	375/240.17
JP 2003267182 A	IMAGE PROCESSING SYSTEM AND METHOD THEREFOR	20030925	
EP 1333403 A2	Image processing system for determining when an airbag should be deployed	20030806	
CA 2344769 A	On-line adaptive prediction apparatus for automated performance management technique, p	20020102	
JP 10143490 A	Sales demand forecast method - has neural network which outputs estimated value of produ	19980529	

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1 **Predictive H$_\infty$ model reference optimal control law for SIMO system**
Grimble, M.J.;
Control Theory and Applications, IEE Proceedings D [see also IEE Proceedings
Control Theory and Applications] , Volume: 136 , Issue: 6 , Nov. 1989
Pages:273 - 284

[Abstract]   [PDF Full-Text (696 KB)]   **IEE JNL**

2 **Combining neural networks for protein secondary structure predicti**
Riis, S.K.;
Neural Networks, 1995. Proceedings., IEEE International Conference on , Volt
4 , 27 Nov.-1 Dec. 1995
Pages:1744 - 1748 vol.4

[Abstract]   [PDF Full-Text (452 KB)]   **IEEE CNF**

3 **An image coding algorithm based on a class of doubly stochastic im**
models
Yuan, X.; Ingle, V.K.;
Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 Internatio
Conference on , 23-26 May 1989
Pages:1838 - 1841 vol.3

[Abstract]   [PDF Full-Text (232 KB)]   **IEEE CNF**

4 **Adaptive L$_p$ appr ach to speech c ding**
Lansford, J.; Yarlagadda, R.;
Acoustics, Speech, and Signal Processing, 1988. ICASSP-88., 1988 Internatio
Conference on , 11-14 April 1988
Pages:335 - 338 vol.1

[Abstract]   [PDF Full-Text (300 KB)]   **IEEE CNF**

---

5 Self-tuning I ad frequency c ntr l: multilevel adaptive appr ach
Rubaai, A.; Udo, V.;
Generation, Transmission and Distribution, IEE Proceedings- , Volume: 141 ,
4 , July 1994
Pages:285 - 290

[Abstract]   [PDF Full-Text (384 KB)]   **IEE JNL**

---

6 An approach to on-line predictive detection
Fan Zhang; Hellerstein, J.L.;
Modeling, Analysis and Simulation of Computer and Telecommunication Syste
2000. Proceedings. 8th International Symposium on , 29 Aug.-1 Sept. 2000
Pages:549 - 556

[Abstract]   [PDF Full-Text (676 KB)]   **IEEE CNF**

---

7 Self-organizing structured modelling of a biotechnological fed-batcl fermentation by means of genetic programming
Bettenhausen, K.D.; Marenbach, P.; Freyer, S.; Rettenmaier, H.; Nieken, U.;
Genetic Algorithms in Engineering Systems: Innovations and Applications, 19
GALESIA. First International Conference on (Conf. Publ. No. 446) , 12-14 Sep

Pages:481 - 486

[Abstract]   [PDF Full-Text (492 KB)]   **IEE CNF**

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